

HSPA1A Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP7574b

Specification

HSPA1A Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [P08107](#)

HSPA1A Antibody (C-term) Blocking Peptide - Additional Information

Other Names

Heat shock 70 kDa protein 1A/1B, Heat shock 70 kDa protein 1/2, HSP70-1/HSP70-2, HSP701/HSP702, HSPA1A, HSPA1, HSX70

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7574b](/products/AP7574b) was selected from the C-term region of human HSPA1A. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HSPA1A Antibody (C-term) Blocking Peptide - Protein Information

HSPA1A Antibody (C-term) Blocking Peptide - Background

HSPA1A is a member of the heat shock protein 70 family. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. It is also involved in the ubiquitin-proteasome pathway through interaction with the AU-rich element RNA-binding protein 1.

HSPA1A Antibody (C-term) Blocking Peptide - References

Mueller, T., et al., Transplantation 78(2):292-295 (2004). Fekete, A., et al., Pediatr. Res. 54(4):452-455 (2003). Broquet, A.H., et al., J. Biol. Chem. 278(24):21601-21606 (2003). Bruce, C.R., et al., Diabetes 52(9):2338-2345 (2003). Anwar, A., et al., J. Biol. Chem. 277(16):14060-14067 (2002).

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Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)